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APPLICATION

EDP SCANNING MICROSCOPE

Number 8

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Application: Digital recording of image data for computer input.

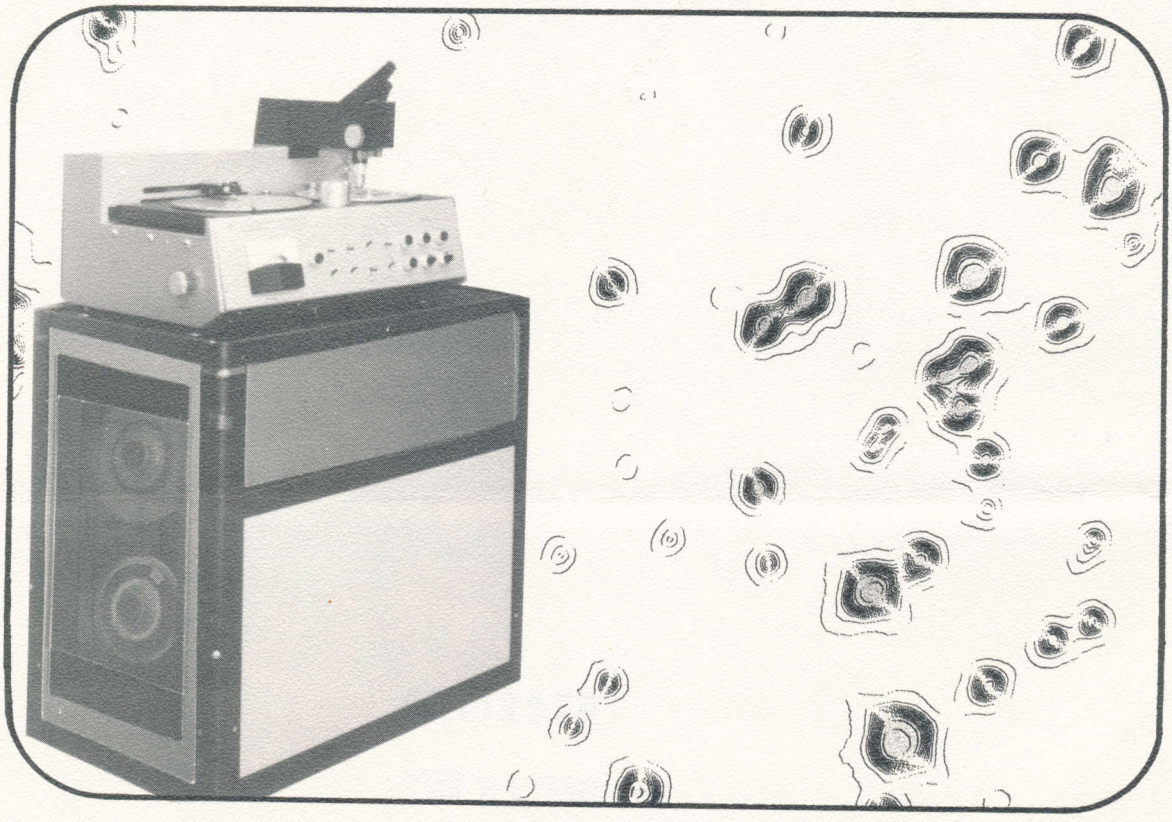
Magnification: An equidensity contour plot at magnifications up to 1000X, produced during the scan, serves as a display of the image information that has been stored on magnetic tape.

Scanning Aperture: 1 μm to 800 μm.

The EDP Scanning Microscope, interfaced to a high speed digital magnetic tape recorder, records 1½ million data points in 10 minutes with 8-bit photometric accuracy over the whole scanned field.

The background photograph below is an equidensity contour plot of a photographically-recorded star field that was generated in the real time of the scan (20X 12.5 μm circular aperture) The tape can be verified by playing it back onto the EDP Scanning Microscope's facsimile writeout stage. Computer-processed tapes can also be printed out on the stage.

The system is directly IBM compatible with either 7 or 9 track tapes.



The EDP Scanning Microscope is a versatile, cost-effective system for high speed transmission or reflection scanning of glass plates, films, and microscope slides. It provides a choice of outputs: — positive or negative continuous-tone enlargements with or without equal-density contours superimposed, and digitized data for computer input.

Complete system starts at $11,900. Call for full details — 617-862-8050.

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